DOCKET NO.: JANM-0773/PRD2061USPCT

Application No.: 10/560,300 **Office Action Dated:** June 9, 2009

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A compound of formula (I)

$$L = N \longrightarrow CH_2 - N \longrightarrow CH_2 - R^4$$

$$R^1 \longrightarrow R^2$$

$$R^3 \qquad (I),$$

a stereochemically isomeric form thereof, an *N*-oxide form thereof, or a pharmaceutically acceptable acid or base addition salt thereof, wherein

-R¹-R²- is a bivalent radical of formula

wherein in said bivalent radicals optionally one or two hydrogen atoms on the same or a different carbon atom may be replaced by C_{1-6} alkyl or hydroxy,

 R^3 is hydrogen, halo, C_{1-6} alkyl or C_{1-6} alkyloxy;

 R^4 is hydrogen, halo, C_{1-6} alkyl; C_{1-6} alkyl substituted with cyano, or C_{1-6} alkyloxy; C_{1-6} alkyloxy; cyano; amino or mono or di(C_{1-6} alkyl)amino;

R⁵ is hydrogen or C₁₋₆alkyl, and the -OR⁵ radical is situated at the 3- or 4-position of the piperidine moiety;

L is a radical of formula

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wherein each Alk is C_{1-12} alkanediyl; and

 R^6 is aminosulfonyl optionally substituted with C_{1-4} alkyl, C_{3-6} cycloalkyl or phenyl;

 R^7 is C_{1-6} alkylsulfonyl;

X is NR^8 ; said R^8 being C_{1-6} alkyl;

 R^9 is C_{1-6} alkylsulfonylamino;

Y is a O, S, or NR¹⁰ wherein R¹⁰ is hydrogen or C_{1-6} alkyl; and

 R^{11} is C_{1-6} alkyl or phenyl.

- 2. (Previously Presented) The compound as claimed in claim 1 wherein the -OR⁵ radical is situated at the 3-position of the piperidine moiety having the trans configuration.
- 3. (Previously Presented) The compound as claimed in claim 2 wherein the absolute configuration of said piperidine moiety is (3S, 4S).
- 4. (Previously Presented) The compound as claimed in claim 1 wherein L is a radical of formula (b-1) wherein Alk is C₁₋₄alkanediyl, and R⁶ aminosulfonyl or aminosulfonyl substituted with C₁₋₄alkyl or phenyl.
- 5. (Previously Presented) The compound as claimed in claim 1 wherein L is a radical (b-5) wherein Alk is C_{1-4} alkanediyl, and R^{11} is C_{1-4} alkyl.
- 6. (Previously Presented) The compound as claimed in claim 1 wherein L is a radical (b-7) wherein Alk is C_{1-4} alkanediyl, and R^{11} is C_{1-4} alkyl.
- 7. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically active amount of a compound according to claim 1.
- 8. (Canceled)
- 9. (Canceled)
- 10. (Original) A process for preparing a compound of formula (I) wherein
 - a) an intermediate of formula (II) is reacted with an carboxylic acid derivative of formula (III) or a reactive functional derivative thereof;

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$$L = N + HO = R^{4}$$
(II)
$$(III) \qquad (III)$$

b) an intermediate of formula (IV) is *N*-alkylated with an intermediate of formula (V), in a reaction-inert solvent and, optionally in the presence of a suitable base;

wherein in the above reaction schemes the radicals -R¹-R²-, R³, R⁴, R⁵, and L are as defined in claim 1 and W is an appropriate leaving group;

- c) or, compounds of formula (I) are converted into each other following art-known transformation reactions; or if desired; a compound of formula (I) is converted into a pharmaceutically acceptable acid addition salt, or conversely, an acid addition salt of a compound of formula (I) is converted into a free base form with alkali; and, if desired, preparing stereochemically isomeric forms thereof.
- 11. (Withdrawn) A method for the treatment of 5HT₄ related disorders comprising administering to a patient in need thereof an effective amount of a compound according to claim 1.
- 12. (Withdrawn) A method for treating patients suffering from gastrointestinal conditions comprising administering to the patient an effective amount of a compound according to claim 1.
- 13. (Withdrawn) A method for treating hypermotility, irritable bowel syndrome, constipation or diarrhea predominant IBS, pain and non-pain predominant IBS and bowel Page 4 of 11

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hypersensitivity comprising administering to a patient in need thereof an effective amount of a compound according to claim 1.